PTO-1390 (Rev. 07-2005).

Approved for use through 3/31/2007, OMB 0851-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Linder the Denemer's Reduction Act of 1995, no persons are reired to respond to a collection of information unless it displays a valid OMB control number TTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES JP920030199US1 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED JP2004/015589 21 OCT 2004 24 OCT 2003 TITLE OF INVENTION
SEMI-CONDUCTOR STORAGE DEVICE AND REFRESH METHOD FOR THE SAME APPLICANT(S) FOR DO/EO/US Toshio Sunaga, Hisatada Miyatake, Kohji Hosokawa Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau) has been communicated by the International Bureau is not required, as the application was filed in the United States Receiving Office (RO/US) 6. X An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) is attached bereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau have not been made; however, the time limit for making such amendments has NOT expired have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)) An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 10. Items 11 to 20 below concern document(s) or information included: 11. X An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included A preliminary amendment An Application Data Sheet under 37 CFR 1.76. 15 X A substitute specification A nower of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13fer.2 and 37 CFR 1.821- 1.825. 17 18. L A second copy of the published International Application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 111 and 114. This collection is estimated to take 15 minutes to complete, including gallering information, preparation of completed form to the USPTC, Time will vary depending upon in entitled case. Any comments on the authority of the preparation of the pre Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

A second copy of the English language translation of the international application under 35 U S C 154(d)(4)

PTO-1309 (Re. 07.3005)
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		Jp2004/01		ATTORNEY'S DOCKET NUMBER JP920030199US1				
20 Other Neems or Information Marked up copy of English translation of International Application showing amendments to the specification and claims.								
The following fees have been submitted					CALCULATIONS	PTO USE ONLY		
21. X Basic national fee (37 CFR 1 492(a))			\$300	\$ 300				
22. X Exami	nation fee (37 C	FR 1.492(c))						
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). \$0 All other situations					\$ 200			
23 \$\times\$ Search (seq (37 CFR 1 462(b)) If the written organism of the ISAUS to the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . \$9 Search (seq (37 CFR 1 445(b)(2)) has been paid on the international application to the USPTO as an international Searching Authority. International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB. \$400 All other situations . \$500					s 500			
TOTAL OF 21, 22 and 23 =					1000			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1492(ji)) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)		RATE]				
- 100 =	/50 =			×\$250	\$ 0	1		
after the date of co	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the cath or declaration after the date of commencement of the national stage (37 CFR 1 492(h)).							
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$			
Total claims	1		0	× \$ 50	s 0			
Independent claims		2 -3=	0	× \$200	\$ 0			
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					s 0			
TOTAL OF ABOVE CALCULATIONS =					s 1000			
Applicant claims small entity status. See 37 CFR 1.27 Fees above are reduced by 1/2					4000			
SUBTOTAL =					s 1000	J		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)) +					\$ 0			
TOTAL NATIONAL FEE =					s 1000			
Fee for recording the enclosed assignment (37 CFR 1 21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					8			
		\$ 1009						
					Amount to be refunded:	3		
					Amount to be charged	\$		

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International Business Machines Corporation Michael J. LeStrange 1000 River St., 972E Essex Junction, VT 05452 Essex Junction, VT 05452	SEND A	L CORRESPONDENCE TO. Anthony J. (Male 1907 # 51.5	20					
1000 River St., 972E Essex Junction, VT 05452 S3,207 REGISTRATION NUMBER	Micha	resider of bestrange, keg no 55,207						
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